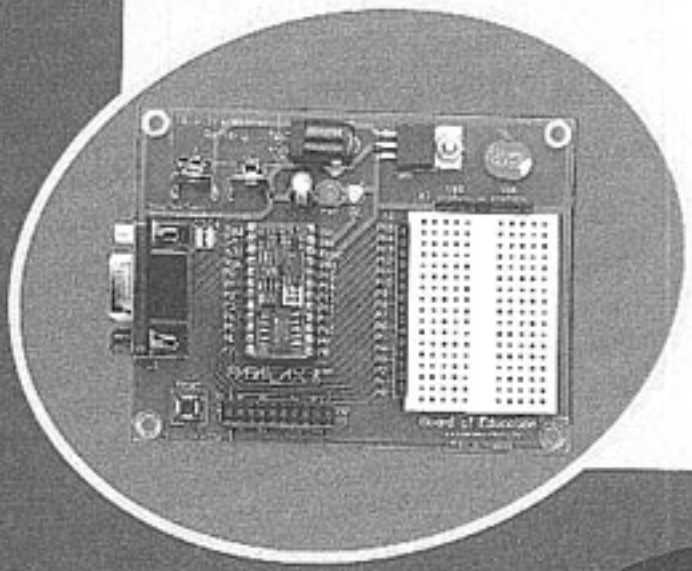

What's a MICROCONTROLLER?

Student Guide for Experiments #1 - #6

Version 1.3

STAMPS in CLASS

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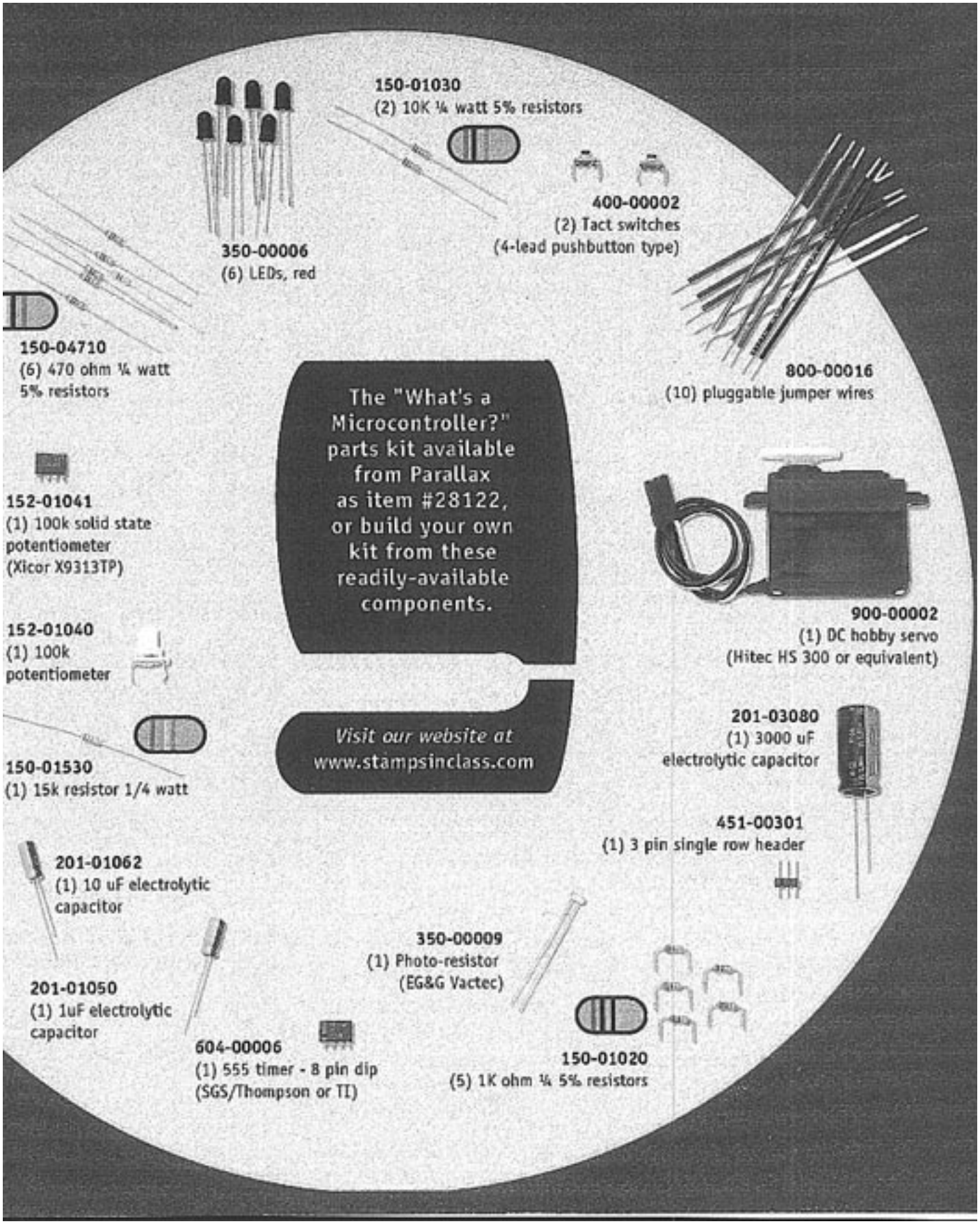
150-01030
(2) 10K ¼ watt 5% resistors
400-00002
(2) Tact switches
(4-lead pushbutton type)
350-00006
(6) LEDs, red
150-04710
(6) 470 ohm ¼ watt
5% resistors
800-00016
(10) pluggable jumper wires
The "What's a Microcontroller?" parts kit available from Parallax as item #28122, or build your own kit from these readily-available components.
152-01041
(1) 100k solid state potentiometer
(Xicor X9313TP)
900-00002
(1) DC hobby servo
(Hitec HS 300 or equivalent)
152-01040
(1) 100k potentiometer
Visit our website at
www.stampsinclass.com
201-03080
(1) 3000 uF
electrolytic capacitor
150-01530
(1) 15k resistor 1/4 watt
451-00301
(1) 3 pin single row header
201-01062
(1) 10 uF electrolytic capacitor
350-00009
(1) Photo-resistor
(EG&G Vactec)
201-01050
(1) 1uF electrolytic capacitor
604-00006
(1) 555 timer - 8 pin dip
(SGS/Thompson or TI)
150-01020
(5) 1K ohm ¼ 5% resistors